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| <b>FORM HDP-1449 (Based on Form PTO-1449)</b><br><br><b>PATENT AND TRADEMARK OFFICE</b><br><b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary)<br><br>Sheet 1 of 1 | ATTORNEY DOCKET NO. | SERIAL NO.     |
|  | 9319S-000552        | To be assigned |
|  | APPLICANT           |                |
|  | Hiroshi WADA        |                |
|  | FILING DATE         | GROUP          |
|  | Herewith            | To be assigned |

| U.S. PATENT DOCUMENTS |                     |                 |      |      |                 |                              |
|-----------------------|---------------------|-----------------|------|------|-----------------|------------------------------|
| Ref. Desig.           | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 1.                    |                     |                 |      |      |                 |                              |

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| Ref. Desig.              | Examiner's Initials | Document Number | Date      | Country | Class/ Subclass | Translation*<br>Yes      No |
| 1.                       | SM                  | 2002-229050     | 8/14/2002 | Japan   | —               | X                           |

| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) |                     |  |
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| 1.   |                     |  |

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| Examiner:  | Date Considered: 02/03/2006 |
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**PATENT AND TRADEMARK OFFICE  
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Sheet 1 of 1

ATTORNEY DOCKET NO.

9319S-000552

SERIAL NO.

10/666,855

APPLICANT

Hiroshi Wada

FILING DATE

September 19, 2003

GROUP

2871

**U.S. PATENT DOCUMENTS**

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
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**FOREIGN PATENT DOCUMENTS**

| Ref. Desig. | Examiner's Initials | Document Number | Date     | Country | Class/ Subclass | Translation *<br>Yes No |
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| 1.          | SM                  | 2001-154599     | 6/8/2001 | Japan   | —               | X                       |

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

| Ref. Desig. | Examiner's Initials |  |
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| 1.          | —                   | Communication from Korean Patent Office re: related application. |

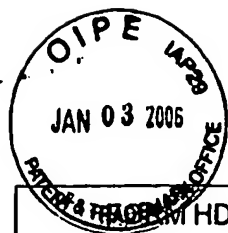
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**PATENT AND TRADEMARK OFFICE  
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Sheet 1 of 2

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|---------------------|------------|
| ATTORNEY DOCKET No. | SERIAL No. |
| 9319S-000552        | 10/666,855 |
| APPLICANT           |            |
| Hiroshi Wada        |            |
| FILING DATE         | GROUP      |
| 9/19/2003           | 2871       |

**U.S. PATENT DOCUMENTS**

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| 1.          | SM                  | 6,667,732       | 12/23/2003 | Katase | 345/103         | 05/31/2000                   |

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| 1.          | SM                  | 62-043624       | 2/25/1987  | Japan   | —               | Abstract                |
| 2.          | SM                  | 07-084238       | 3/31/1995  | Japan   | —               | Abstract                |
| 3.          | SM                  | 07-092446       | 4/7/1995   | Japan   | —               | Abstract                |
| 4.          | SM                  | 09-054310       | 2/25/1997  | Japan   | —               | Abstract                |
| 5.          | SM                  | 10-039842       | 2/13/1998  | Japan   | —               | Abstract                |
| 6.          | SM                  | 11-249102       | 9/17/1999  | Japan   | —               | Abstract                |
| 7.          | SM                  | 2002-189227     | 7/5/2002   | Japan   | —               | Abstract                |
| 8.          | SM                  | 2002-268079     | 9/18/2002  | Japan   | —               | Abstract                |
| 9.          | SM                  | 2002-202733     | 7/19/2002  | Japan   | —               | Abstract                |
| 10.         | SM                  | 2002-072239     | 3/12/2002  | Japan   | —               | Abstract                |
| 11.         | SM                  | 2002-049054     | 2/15/2002  | Japan   | —               | Abstract                |
| 12.         | SM                  | 2002-049035     | 2/15/2002  | Japan   | —               | Abstract                |
| 13.         | SM                  | 2002-040473     | 2/6/2002   | Japan   | —               | Abstract                |
| 14.         | SM                  | 2002-221945     | 8/9/2002   | Japan   | —               | Abstract                |
| 15.         | SM                  | 2001-324968     | 11/22/2001 | Japan   | —               | Abstract                |
| 16.         | SM                  | WO 00/58777     | 3/13/2000  | Japan   | —               | Abstract                |

Examiner: 

Date Considered:

02/02/2006

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|  | 9319S-000552        | 10/666,855 |
|  | APPLICANT           |            |
|  | Hiroshi Wada        |            |
|  | FILING DATE         | GROUP      |
|  | 9/19/2003           | 2871       |

| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) |                     |  |
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| Ref. Desig.  | Examiner's Initials |  |
| 1.   | SM                  | H. Kawakami, et al., "Matrix Addressing Technology of Twisted Nematic Liquid Crystal Display". |

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